

/ Marley NC[®] Class Cooling Tower /

Engineering Data

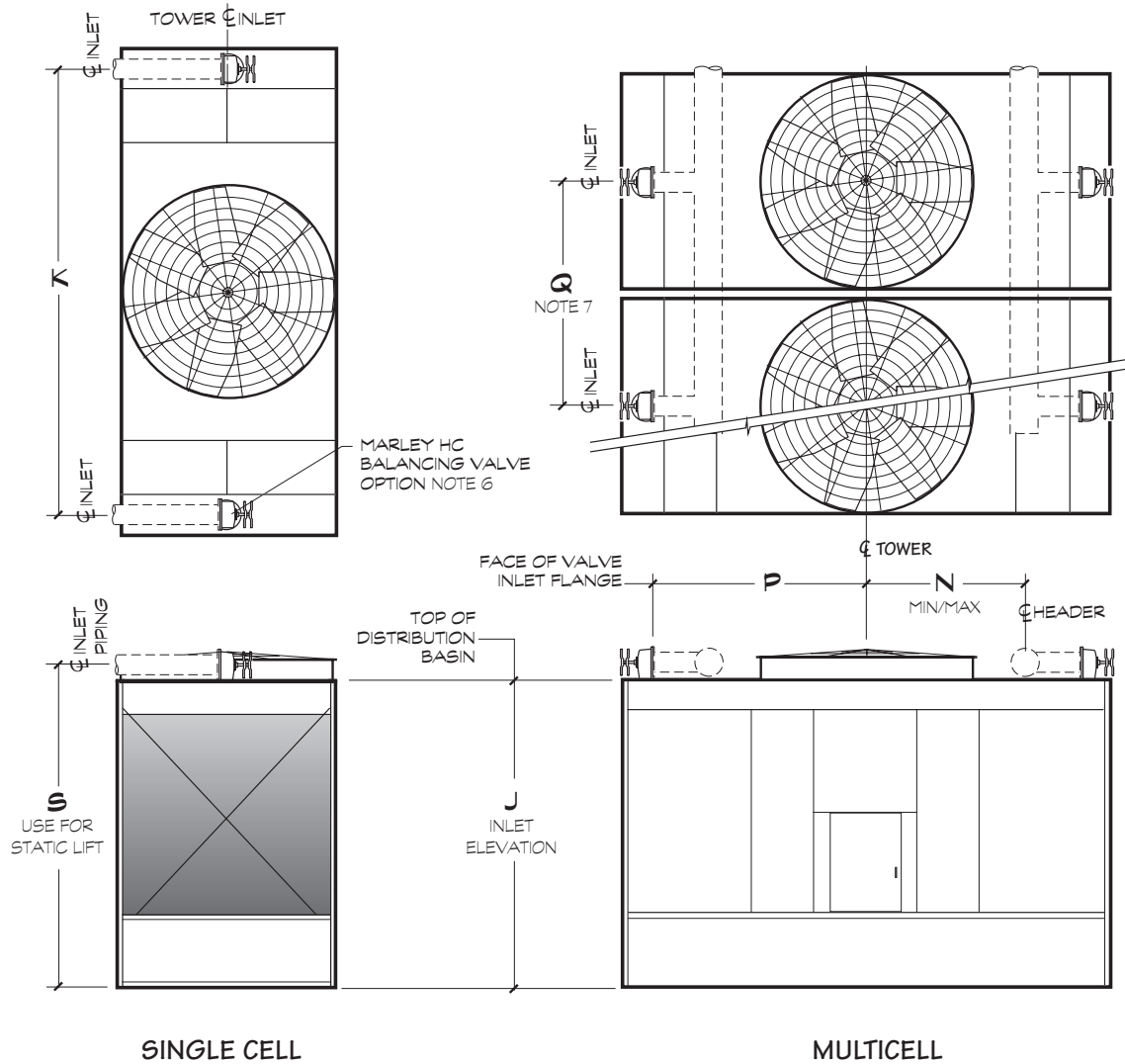


NC8301 NC8302 NC8303

Model note 2	Nominal Tons note 3	Motor hp	dBA 5'-0" from air inlet face	Design Operating Weight lb	Shipping Weight lb	Dimensions			
						L	W	H	A
NC8301AL-1	94	2	63	9116	4528	6'-5"	14'-0"	10'-2"	6'-8"
NC8301BL-1	109	3	67						
NC8301C-1	133	5	75						
NC8301CL-1	132	5	69						
NC8301D-1	147	7.5	77						
NC8301DL-1	150	7.5	73						
NC8301E-1	164	10	78						
NC8301EL-1	167	10	74						
NC8301F-1	180	15	79						
NC8302AL-1	118	2	64	11256	4999	7'-11"	15'-6"	10'-2"	8'-2"
NC8302BL-1	136	3	65						
NC8302CL-1	159	5	68						
NC8302D-1	184	7.5	74						
NC8302DL-1	184	7.5	72						
NC8302E-1	204	10	76						
NC8302EL-1	203	10	74						
NC8302F-1	231	15	79						
NC8302FL-1	229	15	76	12022	5765	7'-11"	15'-6"	11'-11"	8'-2"
NC8302G-1	242	20	80						
NC8303BL-1	154	3	65						
NC8303CL-1	180	5	68						
NC8303DL-1	204	7.5	72						
NC8303E-1	229	10	76						
NC8303EL-1	228	10	74						
NC8303F-1	259	15	79						
NC8303FL-1	259	15	76						
NC8303G-1	284	20	80						
NC8303H-1	297	25	81						

NOTE

- 1 Use this bulletin for preliminary layouts only. Obtain current drawings from your Marley sales representative. All table data is per cell.
- 2 Last numeral of model number indicates number of cells. Change as appropriate for your selection.
- 3 Nominal tons are based upon 95°F HW, 85°F CW, 78°F WB and 3 GPM/ton. The Marley **UPDATE** web-based selection software provides NC Class model recommendations based on specific design requirements.
- 4 Standard overflow is a 4" dia. standpipe in the collection basin floor. The standpipe removes for flush-out and draining. See page 22 for side overflow option.
- 5 Outlet sizes vary according to GPM and arrangement. See pages 22 and 23 for outlet sizes and details.
- 6 Makeup water connection may be 1" or 2" dia., depending upon tower heat load, water pressure, and desired connections. See page 17 for additional information.



Model	Dimensions							Inlet Diameter
	J	K	S	N MIN / MAX		P	Q	
NC8301	8'-8 1⁄16"	12'-3"	9'-4 1⁄16"	3'-11 1⁄2"	4'-10"	5'-10"	6'-8 1⁄4"	2 at 6"
NC8302	8'-8 1⁄16"	13'-9"	9'-4 1⁄16"	5'-10 1⁄4"	Fit "P"	6'-7"	8'-2 1⁄4"	2 at 6"
NC8303	10'-5 9⁄16"	13'-9"	11'-1 13⁄16"	5'-10 1⁄4"	Fit "P"	6'-7"	8'-2 1⁄4"	2 at 6"
NC8304	11'-5 9⁄16"	15'-3"	12'-1 13⁄16"	5'-10 1⁄4"	Fit "P"	7'-4"	9'-2 1⁄4"	2 at 6"
NC8305	11'-5 9⁄16"	16'-10"	12'-2 13⁄16"	5'-11 3⁄4"	Fit "P"	8'-1 1⁄2"	11'-2 1⁄4"	2 at 8"
NC8306	11'-5 9⁄16"	17'-11"	12'-2 13⁄16"	6'-1 5⁄8"	Fit "P"	8'-8"	12'-2 1⁄4"	2 at 8"
NC8307	11'-9 9⁄16"	20'-6"	12'-6 13⁄16"	6'-1 5⁄8"	Fit "P"	9'-11 1⁄2"	12'-2 1⁄4"	2 at 8"
NC8309	11'-9 9⁄16"	20'-3 1⁄2"	12'-8 13⁄16"	6'-10 5⁄8"	Fit "P"	9'-9 1⁄2"	14'-2 1⁄4"	2 at 10"